

## Danner, Ward

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**From:** Wilson, Patrick  
**Sent:** Thursday, November 14, 2013 4:22 PM  
**To:** Jennifer DENICOLA  
**Subject:** RE: Malibu High

Hi Jennifer – Good Afternoon,

I can understand why it seems as though all of that material can be a challenge to understand, but if we spent just a bit of time discussing the context & how to use or apply the material it would become very straight-forward for you. You shouldn't worry of become discouraged, like many professions, we invoke plenty of "jargon" & I believe once we clear that up – all of this will become increasingly transparent.

I do have written documentation for all of the airborne concentrations we spoke to yesterday. Many are buried in some of the look-up tables – so once we speak – I can direct you to it.

I have commitments in the field tomorrow & Monday at other contaminated sites within our region & will therefore be away from our office. I'm due back in the office next week Tues (19 Nov). Perhaps we can speak then?

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**From:** Jennifer DENICOLA [mailto:jd18@me.com]  
**Sent:** Thursday, November 14, 2013 3:48 PM  
**To:** Wilson, Patrick  
**Subject:** Re: Malibu High

Hi Patrick:

I looked at the information you sent me yesterday and it was way over my head. I would like to have another discussion regarding this.

I was in meetings at school all day. I will try you later.

Do you have written documentation supporting the .0043 ug for residential air testing you mentioned yesterday.

Thanks  
Jennifer DeNicola

Sent from my iPhone

On Nov 14, 2013, at 10:12 AM, "Wilson, Patrick" <[Wilson.Patrick@epa.gov](mailto:Wilson.Patrick@epa.gov)> wrote:

Good Morning Jennifer,

Happy Thursday to you!

I had an opportunity to examine the Removal Action Completion Report for the contaminated media at Malibu High School. Thank you for providing all of this documentation.

Please feel free to give me a call at anytime today to discuss any aspects of the report that you may want additional information on. I'd also like to follow-up with you to discuss & clarify any of the

information that we transmitted your way yesterday. A number of those links or web sites are intended for individuals with a rather sophisticated background in toxicology or environmental cleanups – so it would be no problem if you'd like to discuss some of the more obscure documents or concepts in detail.

Finally, I should share with you a link to EPA's nationwide & peer-reviewed database for the health impacts associated with exposure to toxic chemicals. This database is called IRIS or the Integrated Risk Information System. We use the information in this system to arrive at the guideline levels that we discussed yesterday (safe concentrations in residential & industrial air, water & soils). The specific IRIS file for the type of PCB found at Malibu High School can be found at: <http://www.epa.gov/iris/subst/0389.htm>

Looking forward to speaking with you at your convenience Jennifer.

Best Regards...

..patrick wilson

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<image001.png>

**Patrick Wilson, Ph.D., M.P.H.** | Senior Regional Toxicologist | Regional Incident Coordination Team  
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**From:** Jennifer deNicola [<mailto:jd18@me.com>]

**Sent:** Wednesday, November 13, 2013 6:03 PM

**To:** Wilson, Patrick

**Subject:** Re: Malibu High

<http://fipcontractors.smmusd.org/Data/Sites/6/documents/malibupublicnotice/removalactioncompletionreport-1.pdf>

On Nov 13, 2013, at 5:28 PM, Wilson, Patrick wrote:

Good Afternoon Jennifer,

It was a pleasure speaking with you this afternoon regarding your concerns about PCB contamination in your community.

Consistent with our conversation, please consider examining the following EPA guidance documents & recommendations. As we discussed, this information is frequently confusing so please do not hesitate to contact me directly so that we can offer context & clarifications.

Best Regards...

..patrick wilson  
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<image003.png>

**Patrick Wilson, Ph.D., M.P.H.** | Senior Regional Toxicologist | Regional Incident Coordination Team

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<http://www.epa.gov/region9/>

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1. EPA Regional Screening Levels (the health-based concentration for chemicals & contaminants in residential & industrial soils, residential & industrial air, & water): [http://www.epa.gov/reg3hwmd/risk/human/rb-concentration-table/Generic-Tables/docs/master\\_sl\\_table\\_run\\_MAY2013.pdf](http://www.epa.gov/reg3hwmd/risk/human/rb-concentration-table/Generic-Tables/docs/master_sl_table_run_MAY2013.pdf)
  2. Agency for Toxic Substances & Disease Registry (ATSDR) Toxicological Profile for PCBs (please see the Public Health Statement): <http://www.atsdr.cdc.gov/PHS/PHS.asp?id=139&tid=26>  
< & Disease Registry (ATSDR) Toxicological Profile for PCBs (please see the Public Health Statement): <http://www.atsdr.cdc.gov/PHS/PHS.asp?id=139&tid=26>
  3. Recommended Toxicity Equivalence Factors (TEFs) for Human Health Risk Assessments of Dioxin-Like Compounds (EPA guidance document on the method & procedure for characterizing the hazards associated with the co-planar or dioxin-like PCB Congeners): <http://www.epa.gov/raf/files/tefs-for-dioxin-epa-00-r-10-005-final.pdf>
  4. EPA guidance document providing reference to background PCB levels nationwide: ("Pilot Survey of Polychlorinated dibenzo-p-dioxins, polychlorinated dibenzo furans, Polychlorinated biphenyls, & Mercury in Rural Soils of the U.S."): <https://www.google.com/#q=epa+pilot+survey+of+levels+of+dioxins%2C+furans+PCBs+in+rural+soils+of+us>
  5. PCB Powerpoint presentation to NASA's Ames/Moffet Field Research Facility: <http://www.slideshare.net/sbwms/epa-presentation-to-the-moffett-field-restoration-advisory-board-on-may-15-2008-giving-background-on-polychlorinated-biphenyls-pcbs>

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**From:** Jennifer deNicola [<mailto:jd18@me.com>]

**Sent:** Wednesday, November 13, 2013 3:05 PM

**To:** Wilson, Patrick

**Subject:** Malibu High

Dear Dr. Patrick Wilson:

My name is Jennifer deNicola and I am with the Malibu Task Force. I would like to speak to you sometime today regarding the situation at Malibu High School before the meeting I have tomorrow morning.

Please call me at 310-848-5400. Anytime is good.

Thank you,

Jennifer deNicola  
Malibu Schools Environmental Task Force  
310-848-5400  
[jd18@me.com](mailto:jd18@me.com)

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